

KIRPICHEV, M.

Organizational work of a rural district committee. Voen. znan.
39 no.12:17-18 D '63. (MIRA 17:1)

1. Zamestitel' predsedatelya Saratovskogo oblastnogo komi-
teta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii
i flotu.

KIRPICHEV, M.P.

Effect of light stimuli on the visual analyzer and cardiovascular system in man. Oig.i san. 25 no.7:17-22 J1 '60.

(MIRA 14:5)

1. Iz kafedry obshchey gigiyeny Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

(VISION) (LIGHT) (CARDIOVASCULAR SYSTEM)

KERPICHEV, M.P.

Influence of light stimuli on the body. Trudy LSGMI no. 58:273-
291 '60. (MIRA 14:11)

(LIGHT---PHYSIOLOGICAL EFFECT) (VISION)
(CARDIOVASCULAR SYSTEM)

KIRPICHEV, S.P.

Hybrids between the capercaillies *Tetrao urogallus* L. and *T.*
parvirostris Ep. Uch. zap. Mosk. un. no.197:217-221 '58. (MIRA 11:9)

(Grouse)

KIRPICHEV, S.P.

Quantitative estimation of wintering birds in the northeastern
part of the Lake Baikal region. Ornitologiya no.2:188-191 '59.
(MIRA 14:7)

(Barguzin Preserve--Birds) (Wildlife census)

KIRPICHEV, S.P.

Variations in the size and body structure of grouse. Ornitologiya
no.3:38-47 '60. (MIRA 14:6)

(Grouse)

KIRPICHEV, S.P.

Catching, keeping temporarily in captivity and transporting capercaillies.
Ornitologia no.4:385-388 '62. (MIRA 16:4)
(Capercaillie)

SITKHINA, Dina Yefimovna; ZAKHAROV, Zakhar Nikolayevich,
retsensent; KIRPICHEV, Sergey Stepanovich, retsensent;
LIKHOVIDOV, N.K., red.

[Establishing technical norms in woodworking industries]
Tekhnicheskoe normirovanie derevoobrabatyvaiushchego
proizvodstva. Moskva, Lesnaia promyshlennost', 1965. 182 p.
(MIRA 18:7)

KIRPICHEV, V.I., inzh.

Characteristics of comparative heat economy in heat and electric
power plants with a heating load. Trudy LIMI no.19:128-136 '57.
(Power plants) (MIRA 11:6)

ARTYUGIN, I.M.; GRACHEV, Yu.P.; DAVYDOV, L.N.; DOYNIKOV, Ya.P.; KIRPICHEV,
V.I.; LEVENTAL', G.B.; MELENT'YEV, L.A.; MICHURIN, K.I.; NIKONOV,
A.P.; HASHONKO, G.I.; STARIKOV, V.G.; FROLOV, V.I.; KHRILEV, L.S.;
RABINOVICH, A.L., red.; SOBOLEVA, Ye.M., tekhn. red.

[Technical and economic principles of the expansion of heat supply engineering in power systems] Tekhniko-ekonomicheskie osnovy razvitiia teplofikatsii v energosistemakh. Moskva, Gos. energ. izd-vo, 1961. 318 p. (MIRA 15:3)
(Heat engineering) (Electric power plants)

KIR-ICHEV, V.I.

Choices of optimum standard dimensions of turbine units of
thermal electric power plants in electrical systems. Sbor.
rab. po vop. elektromekh. no.10:53-59 1968. (MIRA 17:8)

KIRPICHEV, V.I.

Use of heating plant turbines with steam take-off in electric power systems. Sbor.rab.po vop.elektromekh.no.8:25-35 '63.

(MIRA 16:5)

(Electric power plants)

(Turbines)

KIRPICHEV, VIKTOR L'VOVICH

Soprotivlenie materialov...Uchenie o prochnosti postroek i mashin... Moskva, Gosizdat, 1923. 2v. in 1. diagra. (Normal'nye rukovodstva dlia vysshei shkoly.)

First published 1898.

Vol. 1: posmertnoe izd., ispr. i dopoln; v.2: Izd. 4., perepechat. so vtorogo ispravl. i dopoln., pod red. S. Timoshenko.

Bibliographical foot-notes.

Strength of materials...Study of the strength of structures and machines.

DLC: TAL05.K5

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

KIRPICHEV, V.I.

Technology

Talks on mechanics: Izd. 5, Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1951.

Monthly List of Russian Accessions, Library of Congress, June 1952, UNCLASSIFIED

BASOV, A.N.; GUTTSAYT, Z.I.; DAVYDOV, B.N.; KIRPICHEV, V.M.

Differentiation of industrial wholesale prices of motor
fuels. Khim. i tekhn. topl. i masel 8 no.9:46-51 S '63.

(MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pere-
rabotke nefi i gazov i polucheniyu iskusstvennogo zhidkogo
topliva.

KIRPICHEV, V.M.; RYVLIN, S.Sh.

Methods for calculating the given production capacity of
a petroleum refinery. Khim. i tekhn. topl. i masel 10
no.11:32-36 N '65.

(MIRA 19:1)

KASATKINA, N.G.; KIRPICHEV, V.P.

Stabilization of polyacetaldehyde. Vest. LGU 18 no.10:143-147
'63. (MIRA 16:8)

(Acetaldehyde) (Antioxidants)

KIRPICHEV, YE F

USSR/Processes and Equipment for Chemical Industries - Processes and Apparatus for
Chemical Technology, K-1

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63893

Author: Kirpichev, Ye. F.

Institution: None

Title: Purification of Smoke and Industrial Gases from Solid Particles
(Ash and Dust)

Original
Periodical: Sb. Gazoochistitel'nyye ustroystva i ikh vnedreniye na elektro-
stantsiyakh i promyshlennyykh predpriyatiyakh, Moscow-Leningrad,
1953, Gosenergoizdat, 37-78

Abstract: Considered are the underlying principles and conditions of normal
operation of cyclone dust-and-ash separators (CD). Design dimensions
are given for CD with tangential gas ingress and the technological
parameters of their operation. Presented is a procedure for calcula-
tion of output capacity, pressure drop and degree of purification of
the gas from dust. Described are assemblies of several CD connected

Card 1/2

USSR/Processes and Equipment for Chemical Industries - Processes and Apparatus for
Chemical Technology, K-1

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63893

Abstract: in parallel, units and parts of cyclone series arrangements. Considered are dust-and-ash removal in discontinuous systems of coal dust production at electric stations and the purification of flue gases of small industrial boiler houses. A brief description and characteristics are given of the operation of a water-film, tubular CD.

Card 2/2

KIRPICHEV, YE. F.

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957, 112-1-217
Nr 1, p. 35 (USSR)

AUTHOR: Kirpichev, Ye.F.

TITLE: Purification of Flue Gas in Industrial Boiler Rooms
(Ochistka dymovykh gazov v promyshlennnykh kotel'nykh)

PERIODICAL: Tr.konferentsii po vopr. zoloulavliv., shlakozoloudaleniya
i shlakozoloispol'zov., Moscow, Gosenergoizdat, 1955,
pp. 18-47.

ABSTRACT: The qualitative and quantitative characteristics of the
matter ejected with the flue gases of industrial boiler
rooms depend on a number of factors: construction and
operational conditions of the furnace, flue length, and
kind of fuel used. In hand-fired spreader-type stokers,
the average value of the matter carried away varies from
1 to 6% of the weight of the burned fuel, and in most

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112-1-217

Purification of Flue Gas in Industrial Boiler Rooms (Cont.)

installations from 2 to 3%. Soot, products of incomplete combustion and sulfur dioxide may be contained in flue gases. The fractional composition of cinders is characterized by the following figures: particles larger than 20 microns are 45 to 97%, those larger than 60 microns 5 to 80%, and those larger than 100 microns 1 to 67%. In furnaces with pneumo-mechanical firing, soot and gaseous products of incomplete chemical combustion are practically absent. Suspended matter in the flue-gas amounts to 4 to 10% of the weight of the burned fuel. The fractional composition of the ash and coal particles contained in the flue-gas is characterized by the following figures: particles larger than 20 μ are 96%, those larger than 60 μ 73%, and those larger than 100 μ 44%. The campaign against atmospheric air contamination by industrial boiler houses ought to be carried out along two directions: a) adapting and applying efficiency methods of combustion of solid fuels with necessary remodeling of furnace arrangements; b) use of refuse-collectors, which can expediently be installed

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112-1-217

Purification of Flue Gas in Industrial Boiler Rooms.

separately for each boiler. The author suggests the installation of cyclone units (D = 500 to 800 mm) of the NIIOGAZ (State Scientific Research Institute of Gas Purification for Industry and Sanitation) or the TsKTI (Central Scientific Research Institute for Boilers and Turbines) systems. The latter, according to the author, possesses approximately 10% greater operating efficiency than the NIIOGAZ cyclones with practically identical draft and ash-collecting efficiency. Geometrical dimensions of the TsKTI cyclones are given. In boiler rooms and for boilers utilizing more than 1 ton per hr of fuel, dry ash-collectors in the form of cyclone units and battery cyclones are recommended for installation. The first has gas discharges up to 35,000 - 40,000 cu m per hr, the latter a greater discharge of gas. In boiler rooms with a fuel consumption greater than 10 tons per hr it is advisable to install battery cyclones, centrifugal gas scrubbers of the VTI (All-Union Heat Engineering Institute) type, tube cyclones with water film of the TsKTI type and, in individual cases, electrostatic precipitators.

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112-1-217

Purification of Flue Gas in Industrial Boiler Rooms.

Shutter ash-collectors can be used for burning lump or crumbled peat. The installing of shutter ash-collectors is not recommended when burning coal and lignite because of their lower efficiency as compared with cyclone units and battery cyclones. Efficient and reliable operation of ash-collectors depends upon the tightness of the valves and the timely removal and disposal of refuse. Valves and butterfly conic valves are the best ash-locks. Every ash-collector should be equipped with control-and-measuring instruments, which measure the drag of the dust-eliminator, the gas temperature, and the level of refuse in the hopper and smoke-meter. The structure of a tube separator with a water film of the TsKTI type is described. It presents a battery of cyclone units each with a diameter of 180 mm and sprinkled with water. A dust-collector air-preheater of the TsKTI type is described. It is a battery cyclone with units 90 mm in diameter. The unit's frame is oblong.

Card 4/5

112-1-217

Purification of Flue Gas in Industrial Boiler Rooms (Cont.)

The external surface of the units constitutes the air heating surface. After installation on the boiler with a unit system coal-mill furnace, the efficiency of such an ash-collector proved to be 50.6 to 88.5%, the final fly-ash residue varied between 0.3 to 4.7 grams per normal cu m, the drag on the gas side consisted of 38 to 67 mm of water column and on the air side 74 to 85 mm of water column; the gas was cooled from 265 to 215°, and the air heated from 100 to 160°.

N.F.D.

Card 5/5

KIRPICHEV, Ye.F., kandidat tekhnicheskikh nauk; TSAR'KOVA, A.A., inzhener.

Comparative testing of different cyclones on stand [with summary
in English]. Teplotoenergetika 4 no.10:60-65 O '57. (MLBA 10:9)

1. TSentral'nyy kotloturbinnyy institut.
(Dust collectors) (Boilers)

GOVORUKHA, L.S., mladshiy nauchnyy sotrudnik; KIRPICHEV, Ye.F.,
kand.tekhn.nauk

First results of drifting snow measurements by the use of the
"Cyclone" drifting snow meter. Inform. biul. Sov. antark.
eksp. no.26:22-25 '61. (MIRA 14:7)

1. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy
institut (for Govorukha). 2. Kotloburbinnyy institut imeni
I.I.Polzunova (for Kirpichev).
(Antarctic regions—Snow surveys)

KIRPICHEV, Ye.F., kand.tekhn.nauk; KONYAYEV, A.P., inzh.

Results of testing the MP-VTI fly-ash catcher with a scrubber
having a 4,100 mm. diameter. Teploenergetika 9 no.12:22-28 D
'62. (MIRA 16:1)

1. Tsentral'nyy kotloturbinnyy institut.
(Boilers)

BULANOV, N.G.; KUPRIYANOVA, L.V.; TSUKERMAN, R.V.; BUDNYATSKIY,
D.M.; GEL'TMAN, A.E.; KOSTOVETSKIY, D.L.; PISKAREV, A.A.;
TARANIN, A.I.; KORNEYEV, M.I.; MOISEYEV, G.I.; KENDYS;
P.N. ~~KIRPICHEV, Ye.F.~~, RUBIN, M.V.; SOKOLOV, N.V.;
SHCHERBAKOV, V.A.; KOVALEV, N.N.; BELOV, A.A.; SEREBRYAKOV,
G.M.; SATANOVSKIY, A.Ye., red.; RODDATIS, K.F., red;
KORKHOVA, V.I., red.; CHEREPENNIKOV, B.A., red.; KOGAN,
F.L., tekhn. red.

[Manufacture of power machinery abroad] Energeticheskoe ma-
shinostroenie za rubeshom. Moskva, 1961. 583 p.

(MIRA 16:8)

1. Moscow. Tsentral'nyy institut nauchno-tekhnicheskoy in-
formatsii mashinostroyeniya.

(Electric power plants--Equipment and supplies)

KIRPICHEV, Ye.Ye., kand. tekhn. nauk

Decrease in the hydraulic resistance of cyclones and battery-type cyclones. Teploenergetika 11 no.7:11-15 J1 '64.
(MIRA 17:8)

1. Tsentral'nyy kotloturbinnyy institut.

KIRPICHEV, Ye.F., kand.tekhn.nauk

Dust extractors for pulverized coal preparation systems.
Energomashinostroenie 11 no.1:10-14 Ja '65.

(MIRA 18:4)

ANIKIN, A.G.; KIRPICHEV, Ye.P.; GORDEYEV, I.V.

Absorption of the energy of a high frequency electric field by aqueous and alcohol solutions of alkali earth metal chlorides. Vest.Mosk.Un.Ser.2: khim. 16 no.6:23-24 N-D '61. (MIRA 14:11)

1. Moskovskiy gosudarstvennyy universitet. Laboratoriya khimicheskoy termodinamiki.

(Alkaline earth chlorides—Electric properties)

KIRPICHEVA, I.K.

Study of information requests from scientists and specialists
as the first step in the work on the problem of "The library
and scientific information." NTI no.12:10-12 '65.
(MIRA 19:1)

KIRPICHEVA, Irada Konstantinovna

KIRPICHEVA, Irada Konstantinovna; BERKOV, N.P., prof., red.; KHOTYAKOV, Ya.I.
red.

[Bibliographical aids for research work; a practical reference book]
Bibliografiia v pomoshch' nauchnoi rabote; metodicheskoe i spravocnoe
posobie. Pod red. P.N.Berkova. Leningrad, Gos.pulb. biblioteka im.
M.M.Saltykova-Shchedrina, 1958. 480 p. (MIRA 11:3)
(Bibliography)

KIRPICHEVA, L.V. (Kiyev, 33, ul. Saksaganskogo, d.74, kv.3)

Treatment of cicatricial esophagostenosis. Klin.khir. no.12:42-
45 D 1962. (MIRA 16:2)

1. Kafedra propedewticheskoy khirurgii (sav. - zaslushennyy deyatel'
nauki, prof. M.I. Kolomiychenko) Kiyevskogo meditsinskogo insti-
tuta;
(ESOPHAGUS—SURGERY) (INTESTINES—TRANSPLANTATION)

KIRPICHEVA, L.V.

Simultaneous retrosternal plastic surgery of the esophagus and the right half of the large intestine in a 9-year-old boy. Zhur. ush., nos. 1 gor.bol.22 no.6:62-64 N-D'62. (MIRA 16:7)

1. Iz propedevticheskoy khirurgicheskoy kliniki (zav.-zasluzhennyy deyatel' nauki prof. M.I.Kolomiychenko) Kiyevskogo meditsinskogo instituta na baze bol'nitsy imeni Otktyabr'skoy revolyutsii.
(ESOPHAGUS—SURGERY) (INTESTINES—SURGERY)

KIRPICHNIKOV, A. D. (Eng.)

Steel, Structural

Cutting profile steel on a model UPP press with roller conveyor. Sbor. mat. o nov. tekhn. v stroit. 15 No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

KIRPICHNIKOV, A. A.

22419. KIRPICHNIKOV. A. A. Nestor Aleksandrovich Smirnov. (Zoolgo. 1878-1942.)
Byulleten' Mosk. O-va Ispytateley Prirody, Otd. Biol., 1949, VYP. 3, S. 75-83,
S Portr.-Bibliogr: (Spisok Rabot N.A. Smirnova), 61 Nazv.

SO: Letopis' No. 30, 1949

KIRPICHNIKOV, A. A.

57/4975

USSR/Biology
Insects
Migration
Apr 49

"Insects Over the Atlantic Ocean," A. A. Kirpichnikov, 1 p.

"Priroda" No 4

Points out importance of constant or periodic winds in the continuous settlement of various insects around the earth. Details how this process occurs--effect of trade winds; "serial plankton" along the path of drift, and settlement of the "involuntary

57/4975

USSR/Biology (Contd)
Apr 49

migrants," under favorable ecological conditions in new regions of dry land.

KIRPICHNIKOU, A.A.

27679.

Tyuleni antarktiki ikh biologicheskie osobennosti.
Byulleten'mosk. O-va ispytateley prirody, otd. Biol.,
1949, Vyp. 4, s. 30-41. ----- Bibliogr: 11 nazv.

SO: Knizhnaya Letopis, Vol. 1, 1955

KIRPICHNIKOV, A. A.

"The Composition of Whale Milk and the Plankton Crustacea Eaten by Them,"
Priroda, No.10, 1949

KIRPICHNIKOV, A. A.

"Nester Aleksandrovich Smirnov," Byul. Mosk. Obshch. Ispytat. Prirody, Otdel.
Biol., 54, No.3, 1949

KIRPICHNIKOV, A. A.

"Antarctic Seals and Their Characteristics," Byul. Mosk. Obshch. Ispytat. Prirody,
Otdel. Biol., 54, No.4, 1949

KIRPICHNIKOV, A.A.

GTASIL No. 45

Kirpichnikov, A.A. (Institute of Paleontology, U.S.S.R. Academy of Sciences). Dolphins in the deposits of the Apsheronsk layer, 1921-4

Akademiya Nauk S.S.S.R., Doklady Vol. 79 No. 6-117

1. KIRPICHNIKOV, A. A.
2. USSR (600)
4. Antarctic Regions
7. Books about the Antarctic and its explorers. Reviewed by A. A. Kirpichnikov.
Sov.kniga no. 12 1952
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. KIRPICHNIKOV, A. A.
2. USSR (600)
4. Black Sea - Dolphins
7. Origin of the Black Sea dolphin *Phocaena phocaena relicta* Abel.
Zool. zhurn. 31 no. 5, 1952
9. Monthly List of Russian Accessions, Library of Congress, _____ 1953. Unclassified.

KIRPICHNIKOV, A.A. [reviewer].

"Papers on general problems in ichthyology." Reviewed by A.A. Kirpichnikov.
Sov.kniga no.8:37-39 Ag '53.
(MIRA 6:8)
(Fishes)

~~CHIRPICINICOV, A.A.~~ [Kirpichnikov, A.A.]

Origin of the *Phocaena phocaena relicta* Abel dolphin in the
Black Sea. *Analele biol* 7 no.3:58-63 JL-S '53.

KIRPICHNIKOV, A.A.

The island of South Georgia. Priroda 41 no.7:63-74 J1 '53. (MLRA 6:6)
(South Georgia island)

KIRPICHNIKOV, A.A.; PAVLOVSKIY, Ye.M., akademik.

Caspian seal from the Lower Quaternary deposits of the Azov Sea coasts.
Dokl.AN SSSR 90 no.5:883-886 Je '53. (MLRA 6:5)

1. Paleontologicheskii institut Akademii nauk SSSR (for Kirpichnikov).
2. Akademiya nauk SSSR (for Pavlovskiy).

KIRPICHNIKOV, A.

~~XXXXXXXXXX~~
In the Gulf of Guinea. Vokrug sveta no.1:48-50 Ja '54. (MLRA 7:1)
(Guinea, Gulf of)

KIRPICHNIKOV, A. A.
 USSR/Scientists - Antarctic exploration
 Card 1/1 : Pub. 86 - 10/40
 Authors : Kirpichnikov, A. A.
 Title : V. I. Vernadsky on the importance of explorations in the Antarctic
 Periodical : Priroda 43/4, 71-73, Apr 1954
 Abstract : Academician V. I. Vernadsky, a mineralogist, who was one of the founders of Soviet geochemistry and the creator of a new science, biogeochemistry, as well as the initiator of numerous scientific undertakings, is extolled because of his constant urging of the exploration of the Antarctic regions. At present priority is claimed for the Soviet Union in the discovery and exploration of certain Antarctic regions along with the right of the Soviet Union to take part in any dispositions made with regard to the continent there existing. Seven Russian references (1915-1950). Illustration.
 Institution :
 Submitted :

KIRPICHNIKOV, A. A.

USSR/Miscellaneous - Antarctic explorations

Card 1/1 Pub. 86 - 11/37

Authors : Kirpichnikov, A. A.

Title : On the shores of Antarctica

Periodical : Priroda 43/10, 71-78, Oct 1954

Abstract : An account is given of a whaling expedition in March of 1948 which brought the whaling ship within 21° of the South Pole. The conditions of the sea and weather are described. No landing was effected but portions of Princess Martha Land were in sight. Illustrations; map.

Institution : ...

Submitted : ...

KIRPICHNIKOV, A.A.

Two new genera of Delphinidae from the Sarmatian of the U.S.S.R.
Trudy Paleon.inst. 47:181-190 '54. (MLBA 7:10)
(Whales, Fossil)

KIRPICHNIKOV, A.A.

Paleontology in the Chinese People's Republic. Izv. AN SSSR.Ser.
biol. no.6:95-101 M-D '56. (MLBA 10:1)
(CHINA--PALEONTOLOGY)

KIRPICHNIKOV, A.A., kandidat biologicheskikh nauk.

In paleontological institutions of China. Vest. AN SSSR 26
no.9:59-62 3 '56. (MLRA 9:11)
(China--Paleontology)

KIRPICHNIKOV A.A.

Historical survey of the study of marine mammals in Sarmatian deposits of the U.S.S.R. and adjacent countries. Trudy sov. Ikht. kom. no.12:25-39 '61. (MIRA 14:6)

1. Institut morfologii zhivotnykh im. A.N.Severtsova AN SSSR.
(Marine mammals, Fossil)

KIRICHENIKOV, A.A.

The Oceanographic Institute in Goteborg. Knowledge 4 no. 18
540-512 '64 (PRA 18:1)

KIRPICHNIKOV, A.A. (Moskva)

Oceanographic center in Venice. Priroda 53 no.7:109-111 '64.
(MIRA 17:7)

KIRPICHNIKOV, A.A.

Richest collection of Ceylon; National Museum in Colombo. Perioda
53 no.8:106-107 '64. (REV 1969)

1. Institut morfologii zhivoynykh Im. A.N.Severtsova AN SSSR.

KIRPICHNIKOV, A.A.

Origin of the Caspian seal. Biul. MOIF. Otd. biol. 69 no.5:136-139
S-O '64. (MIRA 17:11)

KIRPICHNIKOV, A.A.

Brief news and information. Zool. zhur. 43 no.6:948-950 '64.
(MIRA 17:12)

ANIINA, Z.L.; KIRPICHNIKOV, A.A.

Brief news and information. Zool. zhur. 44 no.5:797-800 '65.
(MIRA 18:6)

KIPICHNIKOV, A.A.

Sanitary Engineering

Activities of the All-Union Engineering and Technical Society of Sanitary in the field of rural improvements. Gig. i san., No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED

KIRPICHNIKOV, A.A.

~~Underground sanitation of Moscow Basin coal mines. Gig.1 san. no.5:~~
43-44 My '54. (MLRA 7:5)

1. Iz Moskovskogo oblastnogo nauchno-issledovatel'skogo sanitarno-gigiyenicheskogo instituta.

(Coal mines and mining--Sanitation)

KIRPICHNIKOV, A. A.

AID P - 1419

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 16/23

Author : Kirpichnikov, ^{A. A.} Kand. of Tech. Sci.

Title : Conference on problems of installation and equipment of wells for rural water supply

Periodical : Gig. i san., 1, 51-53, Ja 1955

Abstract : Deals with the discussions at the Conference in Moscow, May 18-22, 1955, organized by the All-Union Scientific Engineering and Technical Society of Water Supply, Fire Prevention and Sanitation Techniques, and by the All-Union Scientific Engineering and Technical Mining Society, with the participation of 9 ministries. Among the 600 participants were 25 workers of the Public Health Service.

Institution: None

Submitted : No date

KIRPICHNIKOV, A.A.

Problems of rural water supply. Vod.i san.tekh.no.3:1-3 Je'55.
(Water supply, Rural) (MLRA 8:12)

KIRPICHNIKOV, A., kandidat tekhnicheskikh nauk.

Unsuccessful book on city sanitation ("Sanitation services for cities and towns." D.B. Piguta. Reviewed by A. Kirpichnikov).
Zhil.-kom.khoz. 6 no.4:28-29 '56. (MLRA 9:8)
(Street cleaning)

KIRPICHNIKOV, A.A., starshiy nauchnyy sotrudnik

Water supply sewerage, and cleaning of Pioneer camps. Gig. i san.
21 no.5:12-17 My '56. (MIRA 9:8)

1. Iz Moskovskogo oblastnogo nauchno-issledovatel'skogo sanitarno-gigiyenicheskogo instituta.

(CAMPS,

water supply, sewage disposal & cleaning of labor camps
in Russia (Rus))

(WATER SUPPLY,

in labor camps in Russia (Rus))

(SEWAGE,

disposal in labor camps in Russia (Rus))

FERPICHNIKOV, A.A., starshiy nauchnyy sotrudnik

Establishment of sanitary protective zones between state pig farms and living areas. Oig. 1 san. 22 no.7:78-81 J1 '57. (MIRA 10:10)

1. Iz Moskovskogo oblastnogo nauchno-issledovatel'skogo sanitarno-gigiyenicheskogo instituta.

(AGRICULTURE,

sanit. zones between pig farms & living quarters (Rus))

KIRPICHNIKOV, A.A.

Removal and sanitary treatment of liquid sewage from separately
located buildings. Vod. i san. tekhn. no.10:16-19 '59.

(MIRA 13:1)

(Sewage disposal)

KIRPICHNIKOV, A., kand.tekhn.nauk

Apartment-house facility areas. Zhil.-korm. khoz. 10 no.7:28-29 '60.
(MIRA 13:10)

(Apartment houses)

KIRPICHNIKOV, A.A., kand.tekhn.nauk

Disinfection and utilization of refuse in large cities, Gig.i san,
25 no.1:25-29 Ja '60. (MIRA 13:5)

1. Iz Akademii kommunal'nogo khozyaystva imeni K.D. Pankilova.
(REFUSE AND REFUSE DISPOSAL)

KIRPICHNIKOV, A.A., inzh.

Effect of superphosphate plant discharges on the health of
children. Gig. i san. 25 no. 5:89-92 My '60. (MIRA 13:10)
(PHOSPHATES—TOXICOLOGY) (AIR—POLLUTION)

KIRPICHNIKOV, A.A., kand.tekhn.nauk; SHREYBER, M.I., zasluzhennyy vrach
RSFSR; SHCHERBAKOV, A.P.

Refuse-sorting and refuse-processing station in Orekhovo-Zuyevo.
Gig. i san. 26 no.8:70-75 Ag '61. (MIRA 15:4)

1. Iz sektora sanitarnoy oчитki gorodov Akademii kommunal'nogo
khozyaystva imeni K.D.Pamfilova i Orekhovo-Zuyevskoy gorodskoy
sanitarno-epidemiologicheskoy stantsii.
(OREKHOVO-ZUYEVO—REFUSE AND REFUSE DISPOSAL)

KIRPICHNIKOV, A.A., kand. tekhn. nauk; SHAPIRO, M.A., inzh.

Disinfection of hard wastes from therapeutic institutions. Gig. i san.
26 no.5:71-75 My '61. (MIRA 15:4)

1. Iz Akademii kommunal'nogo khozyaystva imeni K.D.Pamfilova.
(WASTE PRODUCTS—DISINFECTION) (HOSPITALS—HYGIENE)

ARZAMASOVA, Z.A., kand.biologicheskikh nauk; GEL'BERGER, M.G., kand. biologicheskikh nauk; DERBENEVA-UKHOVA, V.P., prof.; ZAKHAROVA, N.P., nauchnyy sotrudnik; KIRPICHNIKOV, A.A., kand.tekhn.nauk.

Mechanized biotermic decontamination of refuse. Gig. i san.28
no.1:13-17 Ja'63. (MIRA 16:7)

1. In Akademii kommunal'nogo khozyaystva imeni K.D.Pamfilova.
(REFUSE AND REFUSE DISPOSAL)

KOLODEY, Anton Pavlovich, inzh.; PAVLOVA, Klara Artem'yevna,
inzh.; BOGUSLAVSKIY, Leontiy Davydovich, kand. tekhn.
nauk; BRNSHTEYN, Yevgeniy Iosifovich, inzh.;
KISLINSKIY, Yan Vladimirovich, inzh.; KIRPICHNIKOV,
~~Aleksandr Aleksandrovich~~, kand. tekhn. nauk; IVANOV,
Valentin Pavlovich, inzh.; KUTUKOV, Vladimir Nikolayevich,
arkh.; DEMENT'YEV, Anatoliy Ivanovich, kand. tekhn. nauk

[Handbook on maintenance of apartment houses] Rukovodstvo
po tekhnicheskoi ekspluatatsii zhilykh zdaniy. Moskva,
Stroizdat. Pt.2. 1965. 291 p. (MIRA 18:7)

KIRPICHNIKOV, A.A.

Distribution of the pollution of ground waters in fine-porous rocks.
Nauch.trudy AKKH no.27:124-135 '64. (MIRA 18:5)

KIRPICHNIKOV, A.A.

Some data on the migration of the South Polar skua in
eastern Antarctica. Biul.MOIP.Otd.biol. 70 no.5:117-118
S-O '65. (MIRA 18:12)

KIRPICHNIKOV, B.A., sadovod-lyubitel' (Moskva)

Disease and pest control in private orchards. Zashch. rast. ot vred. i
bol. 3 no. 2:53 Mr-Apr '58. (MIRA 11:4)
(Fruit--Diseases and pests)

KIRPICHNIKOV, H.A.

Use of polyamide film in strawberry growing. Plast.massy no.5:
71 '62. (MIRA 15:4)
(Polyamides) (Strawberries)

ACC NR: AP6033497

SOURCE CODE: UR/0413/66/000/018/0121/0121

INVENTOR: Kirpichnikov, B. N.; Khmyrov, V. I.

ORG: none

TITLE: Instrument for determining the adhesion of aerosol particles to a surface. Class 42, No. 186184 (announced by Kazakh Scientific Research Institute of Power Engineering (Kazakhskiy nauchno-issledovatel'skiy institut energetiki))

SOURCE: Izobret prom obraz tov zn, no. 18, 1966, 121

TOPIC TAGS: aerosol analyzer, aerosol adhesion, surface adhesion, aerosol, air pollution instrument, aerosol chemistry, adhesion

ABSTRACT: A description is given for a device for determining the adhesion of aerosol particles to a surface. The instrument consists of an elastic filament made of a nonmagnetic material, such as quartz, and an electromagnet which sets up a force for removing aerosol particles from a surface. The time at which a particle is removed is noted with a microscope, and the adhesive force is estimated from readings of an instrument connected to the electromagnet circuit which registers the intensity of the current in the circuit at the time of removal. The accuracy of this device has been

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UDC: 620.1.05:620.193.13

ACC NR: AP6033497

improved by installing the filament in a fixed position and by flattening the operational end. This fixes the direction and invariability of the point of application, as well the direction of the force set up by the electromagnet acting on the particles.

[WA-50; CBE No. 12]

SUB CODE: 07/ SUBM DATE: 23Sep65/

Card 2/2

KIRPICHNIKOV, F. P.

VASIL'CHIKOV, M.V., kandidat tekhnicheskikh nauk; BARBARICH, M.V.;
KIRPICHNIKOV, F.P.

Thread-rolling jack screws. Avt. i trakt.prom. no.11:27-30 N '56.
(MIRA 10:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i
machinostroyeniya.

(Lifting jacks) (Machine-shop practice)

KIRPICHNIKOV, F. P.

AUTHOR: Anisiforov, V.P., Candidate of Technical Sciences and
Kirpichnikov, F.P., Engineer. 122-2-5/23

TITLE: The power consumption for the production of tubes in
electric tube welding mills for tube diameters between 51
and 152 mm. (Raskhod energii pri proizvodstve trub na
truboelektrosvarochnom стане 51-152 mm)

PERIODICAL: "Vestnik Mashinostroyeniya" (Engineering Journal), V 27
1957, No.2, pp. 31 - 35 (U.S.S.R.)

ABSTRACT: The installation of the Plant imeni Lenina consisting of
an 11-frame forming mill, a welding machine, an 8-roll strai-
ghtening unit and a 3-frame calibrating mill is described. The
power consumption of the driving motors was computed from their
voltage and current readings and the idling consumption deducted.
Oscillographic records of the driving torque measured by strain
gauges during the advance of a new strip through the mill est-
ablished the individual power requirements of each frame. The
results of total power measurements are plotted against the
ratio of the forming mill motor current to the calibrating mill
motor current for different tube sizes. The total power consum-
ption is compared with the theoretical power required for bend-
ing the strip in a numerical table covering all standard tube
sizes. The ratio varies between 10 and 18. The welding
power consumed is nearly

Card 1/2

The power consumption for the production of tubes in electric
tube welding mills for tube diameters between 51 and 152 mm.
(Cont.) 122-2-5/23

a linear function of the tube wall thickness.

Card 2/2 There are 4 figures, including 2 graphs and 2 tables.

ASSOCIATION: TsNIITMASH

AVAILABLE: Library of Congress

KIRPICHNIKOV, F. P., Candidate Tech Sci (diss) -- "The development and investigation of new technological processes of transverse-spiral rolling of large threads and corrugated pipe". Moscow, 1959. 16 pp (Main Admin of Sci Res and Design Organizations of the Gosplan USSR, Central Sci Res Inst of Tech and Machinebuilding TsNII TMash), 150 copies (KL, No 25, 1959, 133)

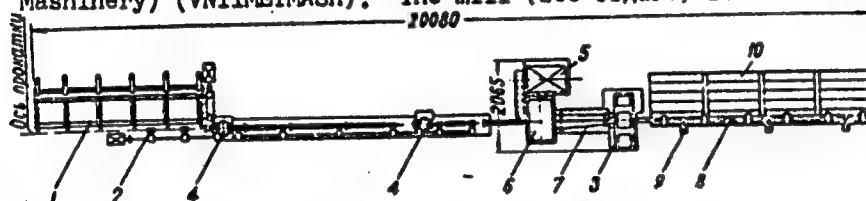
S/193/60/000/004/001/006
A004/A001

AUTHORS: Anisiforov, V.P., Kirpichnikov, F.P.

TITLE: Ribbed-Pipe Rolling Mill

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, 1960, No. 4, pp. 5 - 6

TEXT: The first industrial mill for the continuous rolling of aluminum and bimetallic ribbed pipes intended for turbo and hydrogenerator coolers has been produced at the experimental plant of the Vsesoyuznyy nauchno-issledovatel'skiy and proyektno-konstruktorskiy institut metallurgicheskogo mashinostroyeniya (All-Union Scientific Research Institute for the Planning and Design of Metallurgical Machinery) (VNIIMETMASH). The mill (see figure) is an automated assembly com-



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8/193/60/000/004/001/006
A004/A001

Ribbed-Pipe Rolling Mill


posed of loading table 1, feed rollers 2, stand 3, chucks 4 for the clamping of mandrel rod, main electric motor 5, gear stand 6, multipurpose spindles 7, receiving runway 8, pneumatic cylinders 9 and receiving table 10. The loading table is actuated by the electric motor via reducer and two eccentric shafts connected with each other by a chain drive. The blanks, thick-walled pipes, are placed on loading table 1 consisting of 6 pairs of racks. In each pair one of the racks is stationary while the other is movable. The blanks are put on the feed rollers 2 and conveyed to working stand 3. 8 pairs of feed rollers are mounted on the mill. The continuity of the rolling process is ensured by displacing the blank on the stationary mandrel held in turn by one of chucks 4. A blocking system excludes the possibility of the chucks being opened simultaneously. The working stand of the mill is of the three-high design and equipped with a hydraulic device for the parting of the rolls. The rolls are driven by the four-speed electric motor 5 through a V-belt drive, gear stand 6 and multipurpose spindles 7. Two types of pipes can be rolled, one with uninterrupted ribs over the whole length and another with reinforced walls and reduced height of rib at the ends to facilitate the subsequent machining at the joining spots. The rolled blanks get onto receiving runway 8, consisting of two halves, which are opened with the aid of pneumatic cylinders 9 to release the ready pipe onto receiving table 10. The following technical

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Ribbed-Pipe Rolling Mill

S/193/60/000/004/001/006
A004/A001

data are given: diameter of carrier pipe - 15 - 25 mm; maximum height of ribs - 12 mm; rib pitch - 2-5 mm; pipe length - 2-5 m; roll diameter - 100-120 mm; maximum metal pressure on the rolls - 8,000 kg; rotation speed of rollers - 32-190 rpm; power of main drive electromotor - 25 kw; aggregate power of electromotors - 29.1 kw; overall dimensions (length x width x height) - 20,080 x 2,065 x 1,350 mm; weight of mill - 9.4 tons. The rated capacity of the mill amounts to 200,000 running meters of ribbed pipes per year. The introduction of this new technology and the substitution of copper-brass pipes with wire ribs by aluminum and bimetallic ribbed pipes resulted in annual savings of more than 5 million rubles at the "Elektrosila" Plant alone. 87.5 tons of brass pipes, 312 tons of copper wire and 51 tons of solder are saved. There is 1 figure.



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S/121/60/000/012/007/015
A004/A001

AUTHOR: Kirpichnikov, F. P.

TITLE: Calculating the Dies for Thread Rolling by the Thrufeed Method

PERIODICAL: Stanki i Instrument, 1960, No. 12, pp. 18-20

TEXT: The author starts with a short survey on the two thread-rolling methods, used in mechanical engineering, i. e. infeed and thrufeed rolling and describes then in detail the rolling of large-size threads on comparatively long blanks by the thrufeed method, i. e. with axial blank feed, with the aid of dies the axes of which are crossing under a definite angle. He divides this method into three possible kinds: 1) threading with thread rolling dies having ring-shaped threads. The crossing angle of the die axes is equal to the pitch angle of the thread being rolled by the mean diameter: $\alpha = \beta_b$, where α - angle between the die axes and blank (crossing angle of the axes); β_b - pitch angle of the thread on the blank by the mean diameter. 2) Threading with dies having helical threads. The direction of the helical thread on the rolling dies and on the blank is opposite. The pitch angle of the thread being rolled is greater than the helix angle on the dies, while the crossing angle of the die axes is $\alpha = \beta_b - \beta_d$, where

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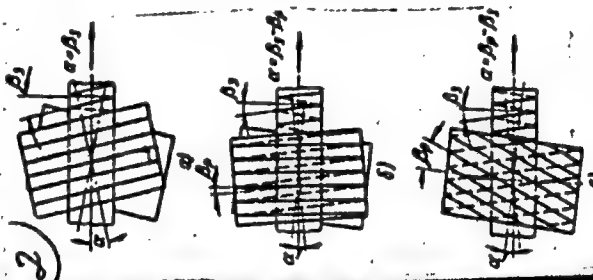
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A004/A001

Calculating the Dies for Thread Rolling by the Thrufeed Method

β_d - helix angle on the rolling dies (by the mean diameter). 3) This method differs from the former ones by the fact that the helix angle of the dies is greater than the pitch angle of the thread being rolled. The crossing angle of the axes is $\alpha = \beta_d - \beta_b$. Thread rolling by this method requires more complex multi-start dies. Figure 2 shows the three methods of thread rolling mentioned above. The author analyzes the main kinematic interrelations during the thread rolling with the aid of dies with crossed axes, presents the formula for the determination of the axial velocity of the blank, establishes the relation between the magnitudes of radial reduction of the blank and the parameters determining the geometry of the die and profile of the thread being rolled. He cites the formula for the radial reduction z , for the axial feed of the blank and, based on these formulae, recommends the magnitudes of radial reductions during the cold rolling of large-size threads being 0.05 - 0.15 mm, while these magnitudes for

Figure 2:



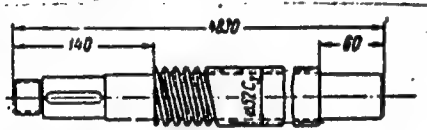
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S/121/60/000/012/007/015
A004/A001

Calculating the Dies for Thread Rolling by the Thrufeed Method

hot-rolling should amount to 0.15 - 0.5 mm. The width of the calibrating part of the thread rolling die should be sufficient to ensure not less than 3 - 5 revolutions of the blank during the profile calibrating. Presenting formulae for the determination of the die width the author shows that die width B depends in a linear way on magnitude of the crossing angle α of the axes. A reduction of angle α , leaving all the other technological parameters unchanged, makes it possible to considerably reduce the die width and, consequently, considerably cut down the magnitude of deforming stresses and the driving power for thread rolling. The author presents examples of calculating dies with ring-shaped threads and helical threads and points out that during the manufacture of lead screws as shown in Figure 4 the pressure on the dies amounted to 22 tons, the specific power consumption was 0.6 kwh/running meter, machining time of thread rolling was 15 minutes. The accuracy of the rolled thread was within the range of grade m

Figure 4:



according to OCT BKC (OST VKS) 7714, pitch accuracy was within the 4th class of ENIMS technical specifications for lead screws of metal-cutting machine tools; the finish of the effective surface of the thread corresponds to the

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A004/A001

Calculating the Dies for Thread Rolling by the Thrufeed Method

7th - 8th classes. The author cites a number of plants where the thread rolling of screws with large-size pitch has already been introduced: in 1957 at the Pavlovskiy avtobusnyy zavod (Pavlovsk Bus Plant), in 1958 at the Konotopskiy zavod "Krasnyy metallist" (Konotop Plant "Krasnyy Metallist"), at the Toretskiy mashinostroitel'nyy zavod (Torets Mechanical Engineering Plant). The efficiency of the thread rolling process amounts to 0.3 - 1.2 running meters/minute, which exceeds thread cutting by revolving cutters (vortex method) by 10 - 20 times while it is by 30 - 100 times more efficient than thread cutting on lathes or milling machines by the conventional method. Threads which are hot-rolled are covered with a thin scale layer but have a smooth surface of the 6th - 7th class. There are 5 figures and 3 Soviet references.

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L 7982-66 EWT(d)/EWT(m)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/EWA(g)

ACC NR: AP5026484

JD/HW

SOURCE CODE: UR/0286/65/000/019/0011/0011

AUTHORS: Kirpichnikov, F. P.; Anisimova, R. M.

ORG: none

TITLE: A roll for rolling ribbed pipes. Class 7, No. 175031 [announced by All-Union Scientific Research, Design, and Construction Institute of Metallurgical Machine Construction (Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut metallurgicheskogo mashinostroyeniya)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 11

TOPIC TAGS: metal working, metallurgic machinery, metal rolling, pipe

ABSTRACT: This Author Certificate presents a roll for rolling ribbed pipes. The roll is formed as a set of disks of varying outline. The disks are placed on a single axis and form circular dies (see Fig. 1). To produce ribs on the rear end of a pipe and to avoid its twisting, the roll consists of several groups of disks. The central group is free while the foremost and the rear groups are power driven.

Card 1/2

UDC: 621.774.8.002.54

L 7982-66

ACC NR: AP5026484

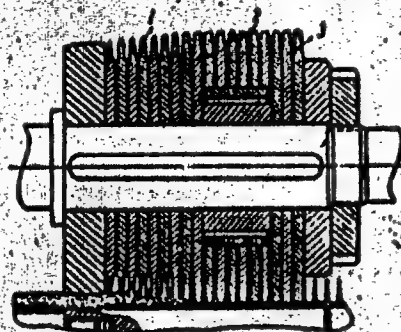


Fig. 1. 1- foremost power-driven forming disks; 2- central free forming disks; 3- rear power-driven forming and calibrating disks

Orig. art. has: 1 figure.

SUB CODE: IE/ SUBM DATE: 18Nov63

Card 2/2

L 32812-66 E...m)/EWP(k)/EWP(t)/ETI IJP(c) JD/HW

ACC NR: AR6005803

SOURCE CODE: UR/0137/65/000/010/D029/D029

AUTHOR: Kirpichnikov, F. P.

24
3

TITLE: Design of rolls for helical thread rolling and ribbed pipe in circular and screw-type roll passes

16

SOURCE: Ref. zh. Metallurgiya, Abs. 10D215

REF SOURCE: Tr. Vses. n.-i. i proyektno-konstrukt. in-ta metallurg. mashinostr., sb. 14, 1964, 18-33

TOPIC TAGS: pipe, cold rolling, thread rolling

ABSTRACT: Many flow charts for rolling ribbed pipe and threads and the method of rollpass designs with circular and screw-type passes are presented. As an example, the design is given for rolls for cold rolling of lead screws with a two-way trapezoidal thread. A. Leont'yev. [Translation of abstract.] [NT]

SUB CODE: 11/ SUBM DATE: none/

13/

Card

1/1

90

UDC: 621.774.001

ACC NR: AP7005594

(N)

SOURCE CODE: UR/0413/67/000/002/0007/0008

INVENTOR: Kirpichnikov, F. P.; Anisiforov, V. P.

ORG: None

TITLE: A roller for transverse-helical rolling of pipes with transverse ribs. Class 7, No. 190308 [announced by the All-Union Scientific Research and Design and Planning Institute of Metallurgical Machine Building (Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut metallurgicheskogo mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 7-8

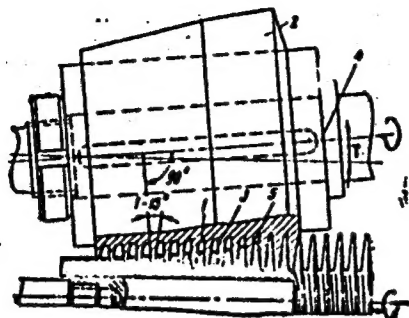
TOPIC TAGS: pipe, metal rolling, metal forming machine tool

ABSTRACT: This Author's Certificate introduces a roller with asymmetric grooves for transverse-helical rolling of pipes with transverse ribs. To reduce twisting of the pipes during the forming process, the roll grooves are located on a barrel with a taper equal to twice the rolling angle, which is 2-20°. These grooves have a leading entrance side which is perpendicular to the axis of rotation of the roller and a trailing exit side which makes an angle of 1-15° with the leading side.

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UDC: 621.774.8

ACC NR: AP7005594



1—grooves; 2—barrel; 3—leading entrance side of the groove; 4—axis of rotation of the roller; 5—trailing exit side of the groove; γ —rolling angle

SUB CODE: 13/ SUBM DATE: 8Jul64

Cord 2/2

TARASOVA, Z.N.; KIRPICHNIKOV, G.A.; FEDOROVA, T.F.

Action of alkyl aryl phosphites as antifatigue agents of the
butadiene-styrene rubber vulcanizates. Kauch. i rez. 22 no.10:
14-16 0 '63. (MIRA 16:11)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.